

This Page Is Inserted by IFW Operations
and is not a part of the Official Record

BEST AVAILABLE IMAGES

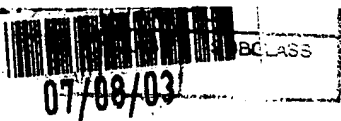
Defective images within this document are accurate representations of
the original documents submitted by the applicant.

Defects in the images may include (but are not limited to):

- BLACK BORDERS
- TEXT CUT OFF AT TOP, BOTTOM OR SIDES
- FADED TEXT
- BLURRY OR ILLEGIBLE TEXT
- SKEWED/SLATED IMAGES
- COLORED PHOTOS
- BLACK OR VERY DARK BLACK AND WHITE PHOTOS
- UNDECIPHERABLE GRAY SCALE DOCUMENTS

IMAGES ARE BEST AVAILABLE COPY.

**As rescanning documents *will not* correct images,
please do not report the images to the
Image Problem Mailbox.**



BEST AVAILABLE COPY

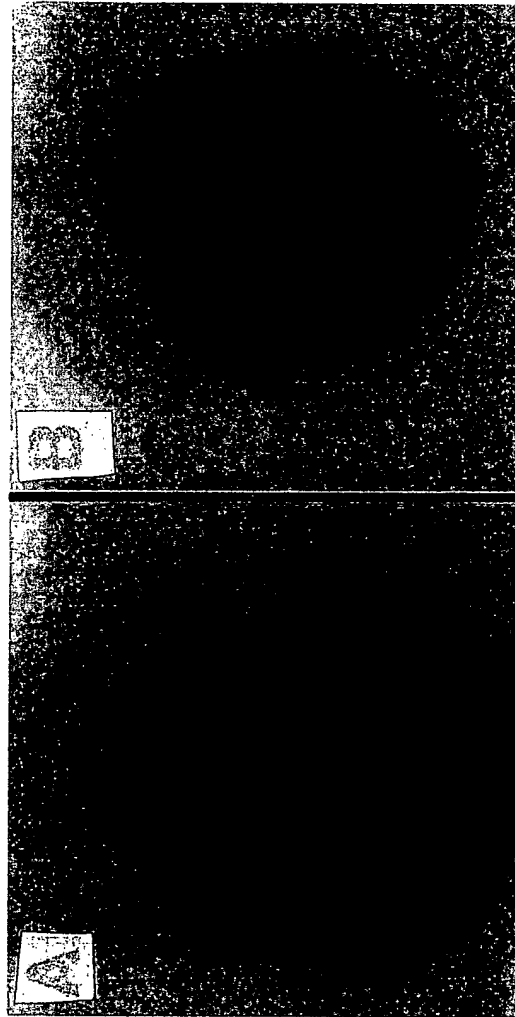


Fig. 1B

Fig. 1A

BEST AVAILABLE COPY

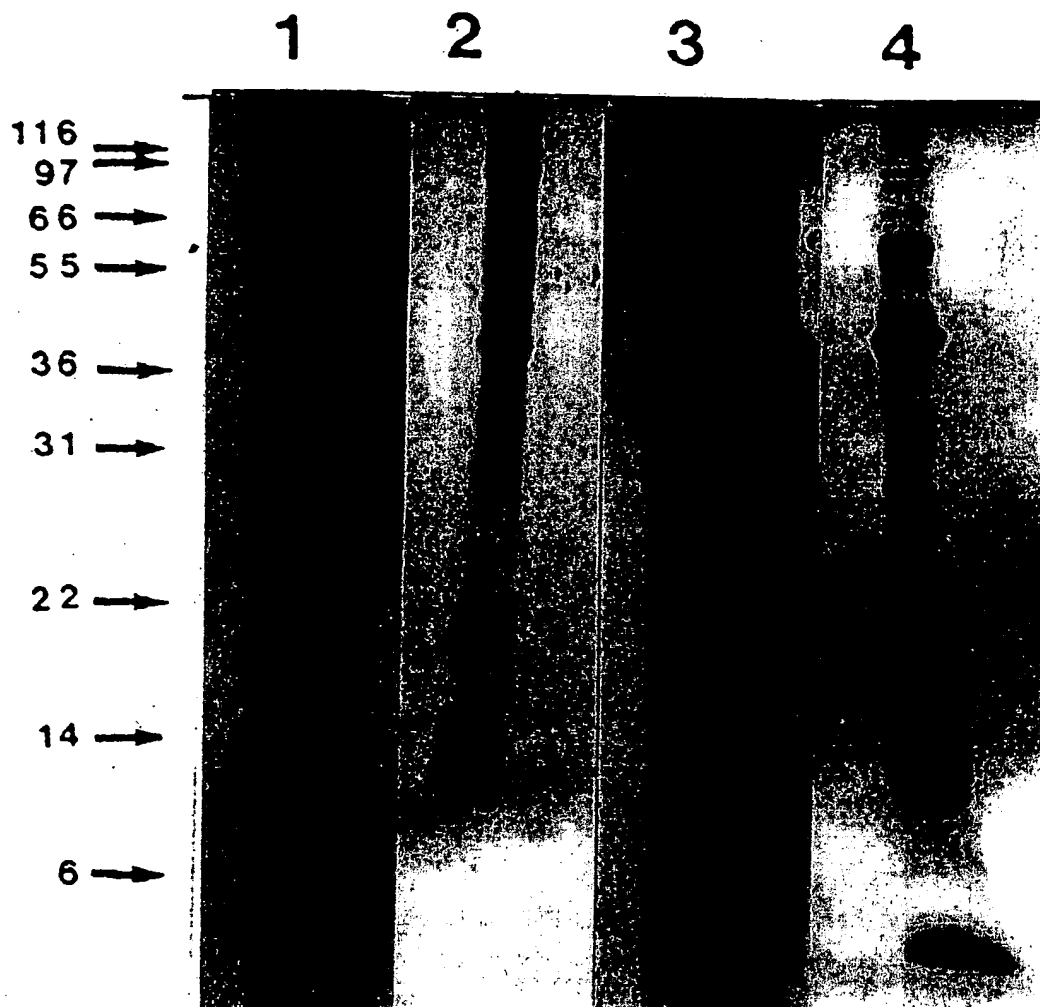


Fig. 2

BEST AVAILABLE COPY

kDA

97.4

66.6

55.4

36.5

31.0



Fig. 3

BEST AVAILABLE COPY

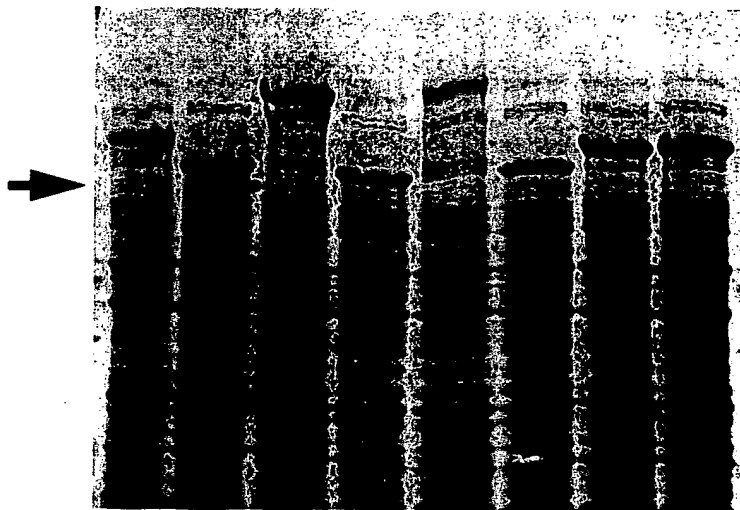


Fig. 4



07/00/03

SUBCLASS

BEST AVAILABLE COPY

kDa 1 2 3 4 5 6

250

98

64

50

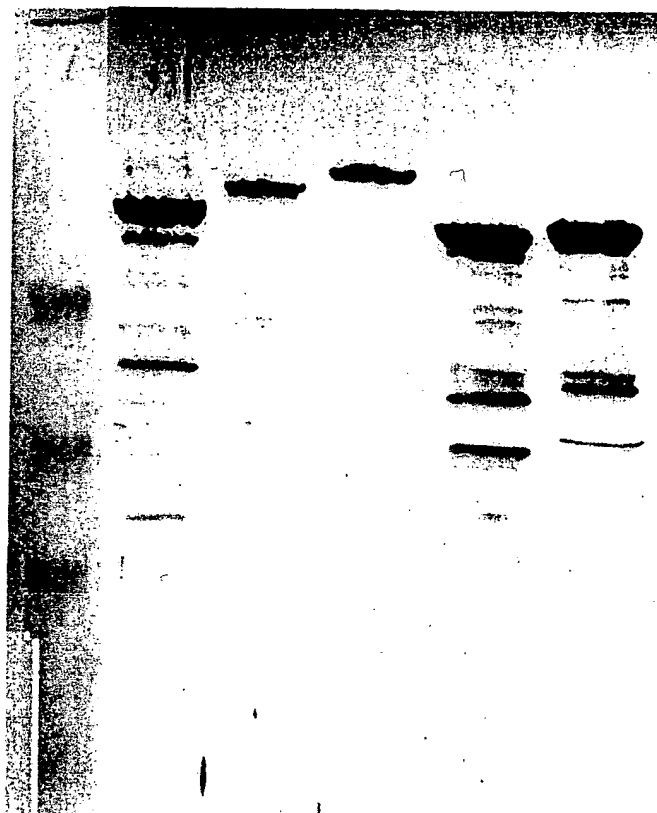


Fig. 5



SUBCLASS

07/08/03

BEST AVAILABLE COPY

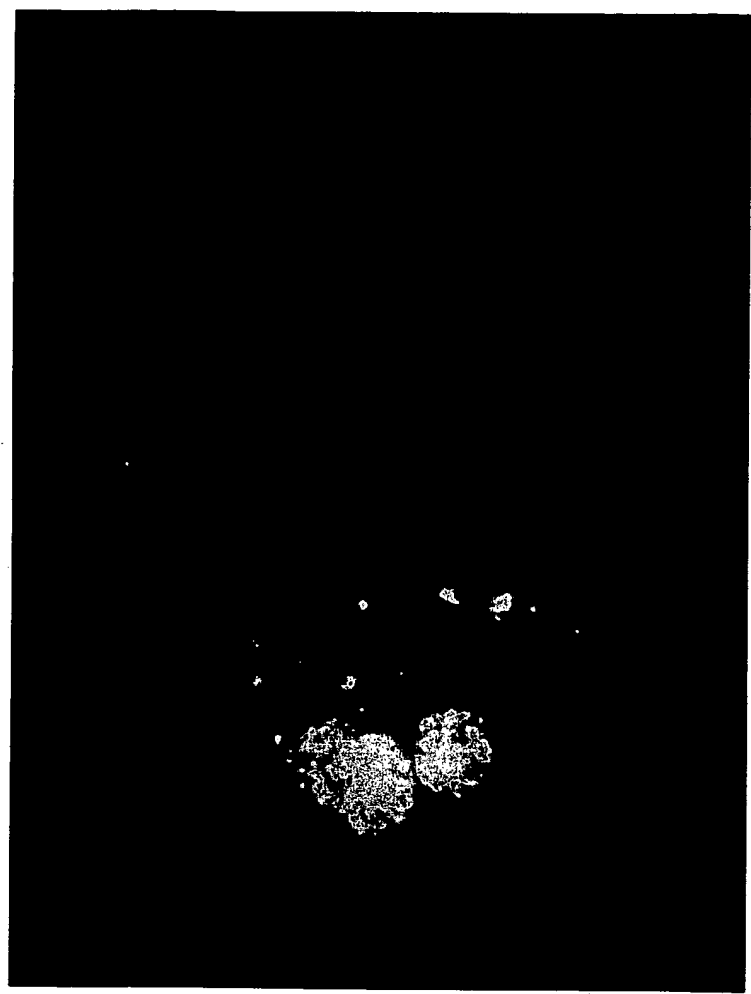


Fig. 9

BEST AVAILABLE COPY

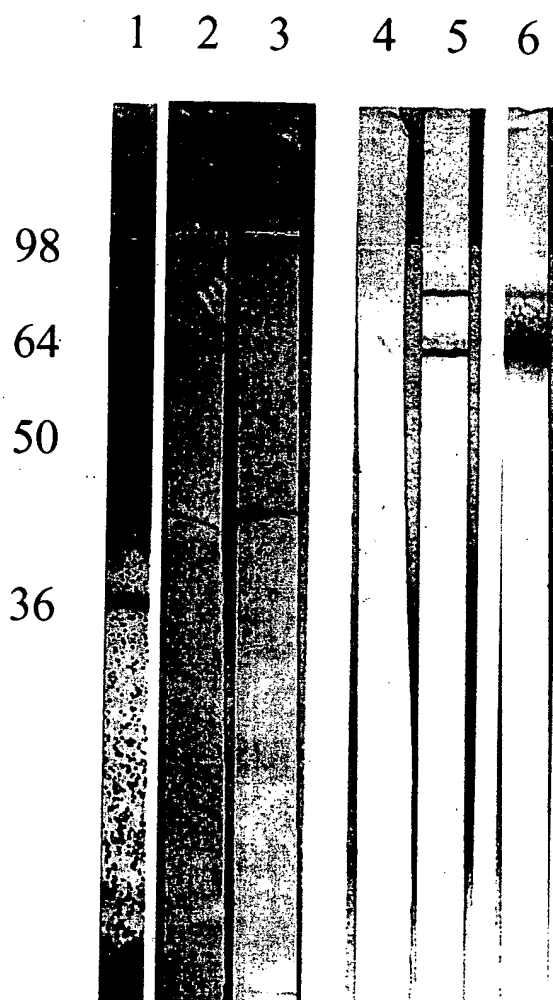


Fig. 10

BEST AVAILABLE COPY

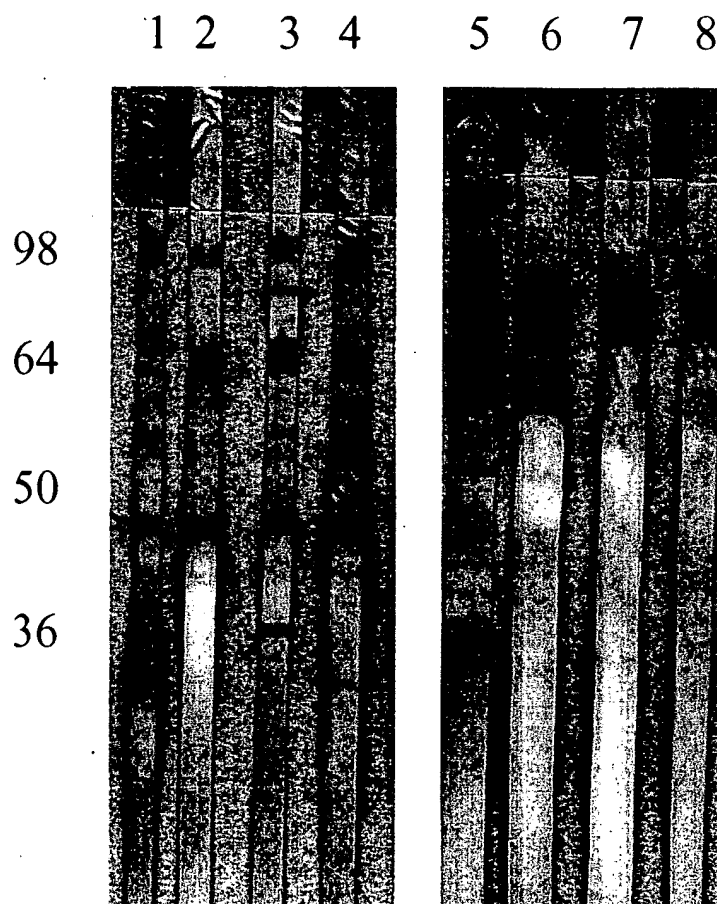


Fig. 11

BEST AVAILABLE COPY



Fig. 12



6/21

BEST AVAILABLE COPY

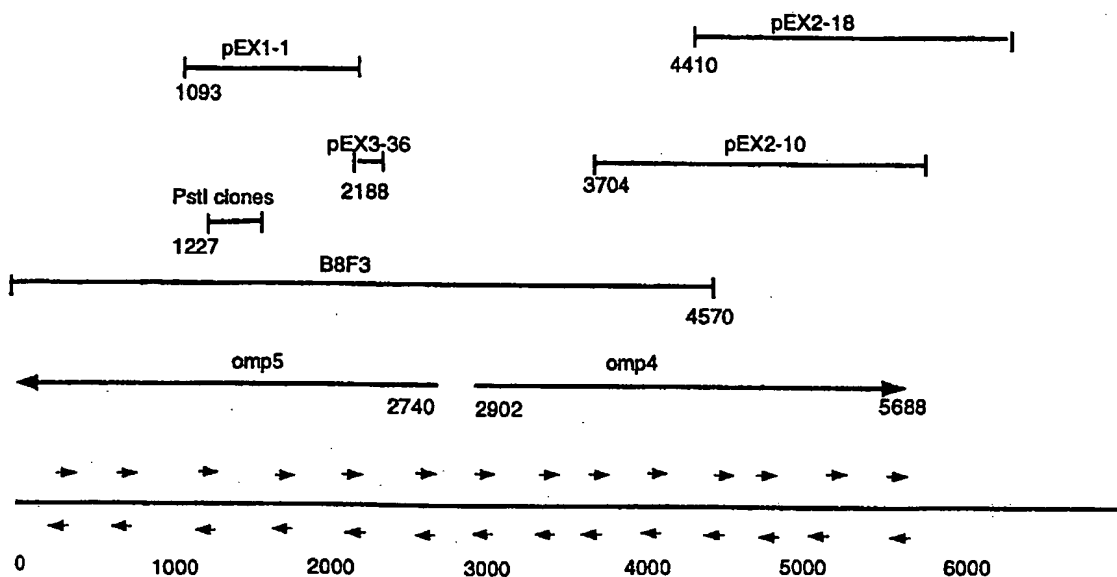
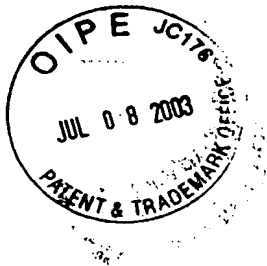


Fig. 6



7/21

BEST AVAILABLE COPY

C. pneumoniae omp4-15 gene clusters

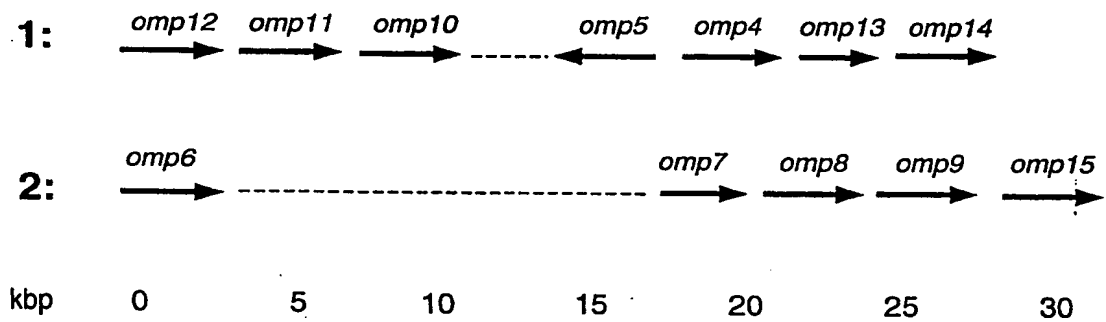
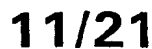


Fig. 7



BEST AVAILABLE COPY

Fig. 8C



BEST AVAILABLE COPY

[illegible]



12/21

BEST AVAILABLE COPY

0
401
397
394
399
398
387
417
305
391
304
262

omp12
omp8
omp5
omp9
omp11
omp10
omp4
omp15
omp7
omp6
omp13
omp14

OMP12
OMP8
OMP5
OMP9
OMP11
OMP10
OMP4
OMP15
OMP7
OMP6
OMP13
OMP14

0
451
447
444
449
448
437
464
355
437
350
262

omp12
omp8
omp5
omp9
omp11
omp10
omp4
omp15
omp7
omp6
omp13
omp14

OMP12
OMP8
OMP5
OMP9
OMP11
OMP10
OMP4
OMP15
OMP7
OMP6
OMP13
OMP14

Fig. 8E

BEST AVAILABLE COPY

[illegible]

Fig. 8G.

BEST AVAILABLE COPY

[illegible][illegible]

Fig. 8H.

Fig. 8J